

ABSTRACT OF THE DISCLOSURE

Bymountingaprojectionlens to afirstsupportingmember
for fixing spatial light modulators, polarization beam
5 splitters and a cross dichroic prism, and providing a second
supporting member having a thermal expansion coefficient
larger than that of the first supporting member between the
projection lens and the first supporting member, a fluctuation
of distance between the spatial light modulators and the
10 projection lens due to heat generated by a light source lamp
of a projection type display apparatus and temperature change
in use environment can be canceled so that an optimum projected
image having nothing to do with being out of focus can always
be obtained.